



#4A

1

SEQUENCE LISTING

<110> Rosanne M. Crooke
Mark J. Graham
Kristina M. Lemonidis

<120> ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2
EXPRESSION

<130> ISPH-0588

<140> US/09/918,026
<141> 2001-07-30

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Gly Gly Glu Arg Glu Arg Gln Pro Cys Gly Asp Gly Asn Thr Glu Thr
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cac aga gcc ccg gac ttg gta caa tgg acc cga cac atg gag gct gtg 144

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Lys	Ala	Gln	Leu	Leu	Glu	Gln	Ala	Gln	Gly	Gln	Leu	Arg	Glu	Leu	Leu	
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gat	cg	gcc	atg	cg	gag	gct	ata	caa	tcc	tac	cca	tca	caa	gac	aaa	240
Asp	Arg	Ala	Met	Arg	Glu	Ala	Ile	Gln	Ser	Tyr	Pro	Ser	Gln	Asp	Lys	
65							70			75				80		
cct	ctg	ccc	cca	cct	ccc	cca	gg	tcc	ttg	agc	agg	acc	cag	gag	cca	288
Pro	Leu	Pro	Pro	Pro	Pro	Pro	Gly	Ser	Leu	Ser	Arg	Thr	Gln	Glu	Pro	
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Ser	Leu	Gly	Lys	Gln	Lys	Val	Phe	Ile	Ile	Arg	Lys	Ser	Leu	Leu	Asp	
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Glu	Leu	Met	Glu	Val	Gln	His	Phe	Arg	Thr	Ile	Tyr	His	Met	Phe	Ile	
115							120						125			
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Ala	Gly	Leu	Cys	Val	Phe	Ile	Ile	Ser	Thr	Leu	Ala	Ile	Asp	Phe	Ile	
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Asp	Glu	Gly	Arg	Leu	Leu	Glu	Phe	Asp	Leu	Leu	Ile	Phe	Ser	Phe		
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Gly	Gln	Leu	Pro	Leu	Ala	Leu	Val	Thr	Trp	Val	Pro	Met	Phe	Leu	Ser	
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Thr	Leu	Leu	Ala	Pro	Tyr	Gln	Ala	Leu	Arg	Leu	Trp	Ala	Arg	Gly	Thr	
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Trp	Thr	Gln	Ala	Thr	Gly	Leu	Gly	Cys	Ala	Leu	Leu	Ala	Ala	His	Ala	
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Arg Arg Arg Glu Gly Leu Gly Glu Gln Glu Lys Gly Ala Arg Gly
10 15 20

gga gaa ggg aac gca agg aca cac gga acc cca gac ttg gtg caa tgg 149
Gly Glu Gly Asn Ala Arg Thr His Gly Thr Pro Asp Leu Val Gln Trp
25 30 35 40

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Thr Arg His Met Glu Ala Val Lys Thr Gln Phe Leu Glu Gln Ala Gln
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aga gag ttg gca gag ctg ttg gat cgg gcc cta tgg gag gct atg caa 245
Arg Glu Leu Ala Glu Leu Leu Asp Arg Ala Leu Trp Glu Ala Met Gln
60 65 70

gct tac ccc aaa caa gac aga cct ctt ccc tcc gct gcc cca gat tct 293
Ala Tyr Pro Lys Gln Asp Arg Pro Leu Pro Ser Ala Ala Pro Asp Ser
75 80 85

aca agc aag acc ccg gag tta cgc cct gga aaa cgg aaa gtt ttc gtc 341
Thr Ser Lys Thr Pro Glu Leu Arg Pro Gly Lys Arg Lys Val Phe Val
90 95 100

gcc cgc aag tca ctg atc gat gag cta atg gag gtg caa cat ttc cga 389
Ala Arg Lys Ser Leu Ile Asp Glu Leu Met Glu Val Gln His Phe Arg
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 Thr Ile Tyr His Met Phe Ile Ala Gly Leu Trp Phe Leu Ile Ile Ser
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 Thr Leu Ala Ile Asp Phe Ile Asp Glu Gly Arg Leu Met Leu Glu Phe
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 Asp Leu Leu Leu Phe Ser Phe Gly Gln Leu Pro Leu Ala Leu Met Thr
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 Leu Pro Val His Val Ser Val Arg His Glu Leu Pro Pro Ala Ser Arg
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 Cys Val Leu Val Phe Glu Gln Val Arg Leu Leu Met Lys Ser Tyr Ser
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cct aca ctt atc tac aga gag aca tac ccc agg aca ccc agc atc agg 917
 Pro Thr Leu Ile Tyr Arg Glu Thr Tyr Pro Arg Thr Pro Ser Ile Arg
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tgg aac tat gtg gcc aag aac ttt gcc cag gtc ctg ggc tgt ttg ctc 965
 Trp Asn Tyr Val Ala Lys Asn Phe Ala Gln Val Leu Gly Cys Leu Leu
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445		450		455
ctt gtt ttc ggg ggg ctg ctg aat ttc acc atg aac gac agg cac aca Leu Val Phe Gly Gly Leu Leu Asn Phe Thr Met Asn Asp Arg His Thr				1445
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475		480		485
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